

Notice of Allowability

Application No.

09/746,505

Applicant(s)

BOEHMKE ET AL.

Examiner

Art Unit

Barry W. Taylor

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/1/05.
2. ☒ The allowed claim(s) is/are 1,3-12,14-16,18,19,21-30,32-35,39-42,44-46 and 48-50.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 9/1/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Barry W. Taylor
Primary Examiner
Art Unit 2643

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on 9/1/05 was filed after the mailing date of the Notice of Allowance on 2/24/05. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Terminal Disclaimer

2. The terminal disclaimer filed 12/10/2004 has been received and entered.

Allowable Subject Matter

3. Claims 1, 3-12, 14-16, 18-19, 21-30, 32-35, 39-42, 44-46 and 48-50 renumbered as claims 1-40 are allowed.

4. The following is an examiner's statement of reasons for allowance.

Prior art of record fails to teach or fairly suggest a method and system for capturing call processing failures in a telecommunication system occurring at a telephone switch control processor as the failures occur, comprising: establishing a communication link between a computing system and the telecommunication system; the computing system continually capturing, in real-time, call processing failure data occurring at the telecommunication switch control processor, wherein the call processing failure data includes parameters relating to a dropped call transaction between a transmitting telecommunication device and a receiving telecommunication device; continuously analyzing on a cumulative basis, in real-time, the captured call

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processing failure data and determining if a predetermined condition is met; and storing the captured call processing failure data to the storage device as recited in independent claims 1, 16, 35, 42 and 46 (renumbered as claims 1, 14, 30, 34 and 37) and shown in figure 4.

In other words, prior art of record fails to continuously capture, in real-time, call processing failure data that includes dropped call transaction and continuously analyzing the dropped call data to determine if a predetermined condition is met. For example, dropped call data relating to cell failure due to directory number (specification page 29 line 1) or dropped call data relating to a predetermined condition of battery going dead in the middle of call (specification page 29 lines 24-27) or dropped call data relating to predetermined condition of dropped calls due to cell coverage (specification page 47 lines 4-15).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Barry W. Taylor, telephone number (571) 272-7509, who is available Monday-Friday, 8am to 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis Kuntz, can be reached at (571) 272-7499. The central facsimile phone number for this group is **571-273-8300**.

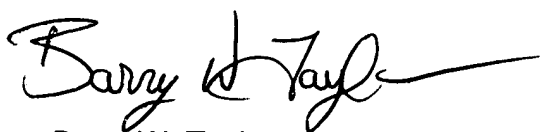
Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group 2600 receptionist whose telephone number is (571) 272-2600, the 2600 Customer Service telephone number is (571) 272-2600.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for

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published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Centralized Delivery Policy: For patent related correspondence, hand carry deliveries must be made to the Customer Service Window (now located at the Randolph Building, 401 Dulany Street, Alexandria, VA 22314), and facsimile transmissions must be sent to the central fax number (571-273-8300).

A handwritten signature in black ink, appearing to read "Barry W. Taylor", with a long horizontal flourish extending to the right.

Barry W. Taylor
Primary Examiner
Technology Center 2600
Art Unit 2643